INDEX OF AUTHORS

PAGE

BHATIA, MADAN LAL. Biology, morphology and anatomy of aphidophagous syrphid larvae. (With 75 Figures in the Text) 78

BISHOP, ANN. A note upon the systematic position of "*Trichomonas*" *keilini* (Bishop, 1935) 469

BISHOP, ANN and TATE, P. The morphology and systematic position of *Dobellina mesnili* nov.gen. (*Entamoeba mesnili* Keilin, 1917). (With Plates XIII and XIV, containing Figs. 1–46 and 1 Figure in the Text) 501

CABALLERO, EDUARDO. A new species of *Camallanus* from the stomach of *Kinosternon hirtipes*. IV. (With 3 Figures in the Text) 448

CARMICHAEL, J. Turning sickness of cattle and *Trypanosoma theileri* 498

DAVIES, THOMAS IDWAL. Four species of *Hymenolepis* Weinl. parasitic in the oyster-catcher, *Haematopus ostralegus* Linn. (With 18 Figures in the Text) 401

DOBELL, CLIFFORD. The common flagellate of the human mouth, *Trichomonas tenax* (O. F. M.): its discovery and its nomenclature. (With 1 Figure in the Text) . 138

DOBELL, CLIFFORD. On "*Teranympha*" and other monstrous Latin parasites . . 255

D'ROZARIO, A. M. On four new species of cercariae. A contribution to Sewell's evolutionary scheme. (With 9 Figures in the Text) 285

FANTHAM, H. B., PORTER, ANNIE and RICHARDSON, L. R. Some Myxosporidia found in certain freshwater fishes in Quebec Province, Canada. (With Plates I–X) . 1

HONESS, RALPH F. The coccidia infesting the cottontail rabbit, *Sylvilagus nuttallii grangeri* (Allen), with descriptions of two new species. (With 3 Figures in the Text) 281

JOBLING, B. On the African Streblidae (Diptera, Acalypterae) including the morphology of the genus *Ascodipteron* Adens. and a description of a new species. (With 4 Figures in the Text) 147

JOBLING, B. On some American genera of the Streblidae and their species, with the description of a new species of *Trichobius* (Diptera Acalypterae). (With 4 Figures in the Text) 486

LAWRENCE, R. F. A new mite from the South African pangolin. (With 6 Figures in the Text) 451

LEIGH-SHARPE, W. HAROLD. *Anchistrotos zeugopteri* (T. Scott). A parasitic copepod of *Zeugopterus punctatus*. (With 3 Figures in the Text) 166

LEIGH-SHARPE, W. HAROLD. Note on the pigmentation of *Lernaeopoda* (Copepoda). (With 1 Figure in the Text) 171

LEIGH-SHARPE, W. HAROLD. *Hersiliodes pelseneeri* Canu, a parasitic copepod of *Leiochone*. (With 4 Figures in the Text) 464

LINCICOME, DAVID R. (*see* VAN CLEAVE, HARLEY J.)

PAGE

MACAN, T. T. The Culicidae of the Cambridge District 263

MACFARLANE, W. V. Life cycle of *Coitocaecum anaspidis* Hickman, a New Zealand digenetic trematode. (With 13 Figures in the Text) 172

MELLANBY, KENNETH. Fertilization and egg production in the bed-bug, *Cimex lectularius* L. 193

MELLANBY, KENNETH. The physiology and activity of the bed-bug (*Cimex lectularius* L.) in a natural infestation. (With 3 Figures in the Text) 200

ORMSBEE, RICHARD A. Field studies on coccidiosis in the ring-neck pheasants of eastern Washington. (With Plate XI, containing Figs. 1–13) 389

OSWALD, B. On Yugoslavian (Balkan) ticks [Ixodoidea]. (With 2 Figures in the Text) 271

PORTER, ANNIE (*see* FANTHAM, H. B.)

RADFORD, CHARLES D. Notes on some new species of parasitic mites. (With 15 Figures in the Text) 243

REES, GWENDOLEN. Studies on the germ cell cycle of the digenetic trematode *Parorchis acanthus* Nicoll. Part I. Anatomy of the genitalia and gametogenesis in the adult. (With 69 Figures in the Text) 417

REES, GWENDOLEN. *Cercaria strigata* Lebour from *Cardium edule* and *Tellina tenuis*. (With 1 Figure in the Text) 458

RICHARDSON, L. R. (*see* FANTHAM, H. B.)

ROBINSON, G. G. The mouthparts and their function in the female mosquito, *Anopheles maculipennis*. (With 9 Figures in the Text) 212

ROY, D. N. and SIDDONS, L. B. On the life history and bionomics of *Chrysomyia rufifacies* Macq. (Order Diptera, Family Calliphoridae) 442

SANDGROUND, J. H. *Cephalobus parasiticus* n.sp. and "pseudo-strongyloidiasis" in *Macaca irus mordax*. (With 3 Figures in the Text) 132

SIDDONS, L. B. (*see* ROY, D. N.)

SMART, JOHN. A case of human myiasis due to *Hypoderma* 130

TATE, P. The early stages of *Limnophora exurda* Pand. (Diptera, Anthomyidae). (With 11 Figures in the Text) 479

TATE, P. (*see* BISHOP, ANN)

TAYLOR, E. L. Technique for the estimation of pasture infestation by strongyloid larvae. (With 1 Figure in the Text) 473

THOMPSON, W. R. Biological control and the theories of the interactions of populations. (With 1 Figure in the Text) 299

VAN CLEAVE, HARLEY J. and LINCICOME, DAVID R. On a new genus and species of Rhadinorhynchidae (Acanthocephala). (With Plate XII) 413

WEINMAN, DAVID. Factors affecting the morphology of *Leishmania tropica*. The production of *Leishmania* forms in cultures 185

WHITTICK, R. J. On some ticks belonging to the genera *Aponomma* and *Amblyomma*. (With 9 Figures in the Text) 434

INDEX OF SUBJECTS

PAGE

Acanthocephala, Rhadinorhynchidae, on a new genus and species of 413
African Streblidae (Diptera, Acalypterae), on the, including the morphology of the genus *Ascodipteron* Adens. and a description of a new species 147
American genera of the Streblidae and their species, on some, with the description of a new species of *Trichobius* (Diptera, Acalypterae) 486
Aphidophagous syrphid larvae, biology, morphology and anatomy of 78

ARACHNIDA

. ACARINA
. Astigmata
. *Cyclolaelaps lophuromius* n.sp. 243
. *Entonyssus hamertoni* n.sp. 251
. *Ischnolaelaps arvicanthis* n.sp. 246
. *bathyergus* n.sp. 250
. *cryptomius* n.sp. 248
. *dasymys* n.sp. 245
. *rhabdomys* n.sp. 249
. *tateronis* n.sp. 247
. *Listrophoroides bathyergians* n.sp. 253
. IXODOIDEA
. *Amblyomma robinsoni* Warburton, 1927 436
. *torrei* Vigueras, 1934 436
. *Aponomma komodoense* Oudemans 434
. *Boophilus calcaratus* 276
. *schulzei* 276
. *Haemaphysalis cholodkovskyi* 275
. *cinnabarina punctata* var. *recta* n.var. 275
. *leachi media* n. subsp. 275
. *sulcata* 275
. *Hyalomma detritum* 275
. *scupense* 275
. *Ixodes hexagonus* var. *cookei* 273
. *ricinus* var. *scapularis* 273
. *Manisicola africana* n.sp. 451
Biological control and the theories of the interactions of populations . . . 299
Biology, morphology and anatomy of aphidophagous syrphid larvae . . . 78
Cardium edule and *Tellina tenuis*, *Cercaria strigata* Lebour from 458
Cercariae, on four new species of, a contribution to Sewell's evolutionary scheme . 285
Coccidia infesting the cottontail rabbit, *Sylvilagus nuttallii grangeri* (Allen), with descriptions of two new species 281
Coccidiosis in the ring-neck pheasants of eastern Washington, field studies on . . 389

CRUSTACEA

. COPEPODA
. *Anchistrotos zeugopteri* (T. Scott), a parasitic copepod of *Zeugopterus punctatus* 166
. *Hersiliodes pelseneeri* Canu, a parasitic copepod of *Leiochone* 464
. *Lernaeopoda*, note on the pigmentation of 171
Culicidae, the, of the Cambridge district 263

PAGE

INSECTA

. DIPTERA
. *Aëdes annulipes* Meigen 265
. *cantans* Meigen 265
. *cinereus* Meigen 263
. *geniculatus* Olivier 264
. *rusticus* Rossi 264
. *Anopheles claviger* Meigen 267
. *maculipennis* Meigen 267
. *maculipennis*, the mouthparts and their function in the female mosquito 212
. *plumbeus* Stephens 267
. *Ascodipteron africanum* sp.n. 162
. *lophotes* Monticelli 163
. *tabulatum* Speiser 163
. *Chrysomyia rufifacies* Macq. (Order Diptera, Family Calliphoridae), on the life history and bionomics of 442
. *Culex pipiens* Linnaeus 266
. *Hypoderma*, a case of human myiasis, due to 130
. *Lemosia setosa* Pessôa & Galvão, 1936 494
. *Limnophora exurda* Pand. (Diptera, Anthomyidae), the early stages of . . 479
. *Nycteribosca africana* Walker 150
. *alluaudi* Falcoz 152
. *bequaerti* Jobling 152
. *Orthopodomyia pulchripalpis* Rondani 266
. *Paratrichobius dunni* Curran, 1935 492
. *longicrus* (Ribeiro, 1907) Costa Lima, 1921 490
. *Raymondia alulata* Speiser 155
. *huberi* Frauenfeld 154
. *intermedia* Jobling 155
. *planiceps* Jobling 154
. *setosa* Jobling 154
. *waterstoni* Jobling 155
. *Synthesiostrebla amorphochili* Townsend, 1913 488
. *Taeniorhynchus richiardii* Ficalbi 266
. *Theobaldia annulata* Schrank 265
. *litorea* Shute 265
. *morsitans* Theobald 266
. *Trichobius* (Diptera, Acalypterae), a description of a new species of . . . 486
. *Trichobius sphaeronotus* sp.n. 494
. HEMIPTERA
. *Cimex lectularius* L., the bed-bug, fertilization and egg production in . . 193
. *Cimex lectularius* L., the bed-bug, physiology and activity of, in a natural infestation 200
Leiochone, parasitized by the copepod *Hersiliodes pelseneeri* Canu 464
Lernaeopoda (Copepoda), note on the pigmentation of 171
Macaca irus mordax, *Cephalobus parasiticus* n.sp. and "pseudo-strongyloidiasis" in . 132
Mite, a new, from the South African pangolin 451
Mites, notes on some new species of parasitic 243
Myiasis, a case of human, due to *Hypoderma* 130

PAGE

Oystercatcher, the, *Haematopus ostralegus* Linn., four species of *Hymenolepis* Weinl., parasitic in 401
Pangolin, a new mite from the South African 451
Pigmentation of *Lernaeopoda* (Copepoda), note on the 171

PROTOZOA

AMOEBAE
Dobellina mesnili nov.gen. (*Entamoeba mesnili* Keilin, 1917), the morphology and systematic position of 501
COCCIDIA
Eimeria environ n.sp. 283
maior n.sp. 283
media Kessel, 1929 281
megalostomata n.sp. 392
pacifica n.sp. 392
phasiani Tyzzer, 1929 391
stiedae Lindeman 281
FLAGELLATA
Leishmania tropica, factors affecting the morphology of 185
"*Trichomonas*" *keilini* (Bishop, 1935), a note upon the systematic position of . 469
Trichomonas tenax (O. F. M.), the common flagellate of the human mouth: its discovery and its nomenclature 138
Trypanosoma theileri, turning sickness of cattle and 498
MYXOSPORIDIA
Myxosporidia, some, found in certain freshwater fishes in Quebec Province, Canada 1
Myxidium percae n.sp. 9
Myxobolus catostomi n.sp. 34
conspicuus Kudo, 1929 42
couesii n.sp. 36
dentium n.sp. 26
grandis n.sp. 43
hyborhynchi n.sp. 38
notropis n.sp. 31
ovoidalis Fantham, 1930 45
percae n.sp. 28
poecilichthidis n.sp. 24
rhinichthidis n.sp. 30
subcircularis n.sp. 39
transversalis n.sp. 41
Myxosoma catostomi Kudo 23
commersonii n.sp. 14
ellipticoides n.sp. 20
media n.sp. 19
notropis n.sp. 13
orbitalis n.sp. 16
parellipticoides n.sp. 21
pfrille n.sp. 17
Sphaerospora notropis n.sp. 7
Zschokkella salvelini n.sp. 11

PAGE

Rhadinorhynchidae (Acanthocephala), on a new genus and species of . . . 413
Streblidae (Diptera, Acalypterae), on the African, including the morphology of the genus *Ascodipteron* Adens. and a description of a new species 147
Streblidae, the, and their species, on some American genera of, with the description of a new species of *Trichobius* (Diptera, Acalypterae) 486
Strongyloid larvae, technique for the estimation of pasture infestation by . . 473
Sylvilagus nuttallii grangeri (Allen), the cottontail rabbit, descriptions of coccidia infesting 281
"*Teranympha*" and other monstrous Latin parasites 255
Ticks (Ixodoidea), on Yugoslavian (Balkan) 271
Ticks, on some, belonging to the genera *Aponomma* and *Amblyomma* 434
Turning sickness of cattle and *Trypanosoma theileri* 498

VERMES

. Acanthocephala
. *Iliosentis furcatus* n.sp. 414
. Cestoda
. *Hymenolepis* Weinl., four species parasitic in the oystercatcher, *Haematopus ostralegus* Linn. 401
. *Hymenolepis cambrensis* n.sp. 404
. *clandestina* (Krabbe, 1869) 401
. *lauriei* n.sp. 407
. *rectacantha* Fuhrmann, 1906 410
. Nematoda
. *Camallanus*, a new species of, from the stomach of *Kinosternon hirtipes* . . 448
. *Camallanus parvus* n.sp. 448
. *Cephalobus parasiticus* n.sp. 133
. Trematoda
. *Cercaria ajmeri* n.sp. 291
. *anasagari* n.sp. 294
. *gopyjungi* n.sp. 287
. *lühei* n.sp. 285
. *strigata* Lebour from *Cardium edule* and *Tellina tenuis* 458
. *Coitocaecum anaspidis* Hickman, a New Zealand digenetic trematode, life cycle of 172
. *Parorchis acanthus* Nicoll, studies on the germ cell cycle of the digenetic trematode 417
Zeugopterus punctatus, parasitized by the copepod, *Anchistrotos zeugopteri* (T. Scott) 166

CAMBRIDGE: PRINTED BY WALTER LEWIS, M.A., AT THE UNIVERSITY PRESS